

**AMENDMENT TO H.R. 7273**  
**OFFERED BY MR. WHITESIDES OF CALIFORNIA**

At the end of title IV, add the following:

1 **SEC. 4**     . **DEEP SPACE NETWORK.**

2       (a) SENSE OF CONGRESS.—It is the sense of Con-  
3 gress that—

4           (1) the Deep Space Network is a unique, world-  
5 class asset that is built on 60 years of innovation  
6 and operational excellence; and

7           (2) insufficient maintenance funding has re-  
8 sulted in significant operational risk, even as the  
9 number of missions supported by the Network in-  
10 creases.

11       (b) REPORT.—Not later than 60 days after the date  
12 of the enactment of this Act, the Administrator shall carry  
13 out the following:

14           (1) Identify all areas of concern with respect to  
15 the continued maintenance and operation of the  
16 Deep Space Network.

17           (2) Develop a plan to carry out maintenance  
18 and upgrades necessary to maintain the Network for  
19 the foreseeable future.

1           (3) Submit to the appropriate committees of  
2 Congress a report on the following:

3           (A) The status of the infrastructure of the  
4 Deep Space Network.

5           (B) The areas of concern identified pursu-  
6 ant to paragraph (1).

7           (C) The plan developed pursuant to para-  
8 graph (2).

At the end of title IV, add the following:

9 **SEC. 4 \_\_\_\_ . TECHNICAL ASSESSMENT OF DAMAGE TO THE**  
10 **GOLDSTONE DEEP SPACE COMMUNICATIONS**  
11 **COMPLEX.**

12       (a) IN GENERAL.—The Administrator shall carry  
13 out, or enter into an arrangement with an independent,  
14 external entity to carry out, the following:

15           (1) Conduct a technical assessment of the inop-  
16 erability of the 70-meter dish of the Goldstone Deep  
17 Space Communications Complex, located near Bar-  
18 stow, California, and the effects of such inoper-  
19 ability.

20           (2) Develop recommendations for the following:

21           (A) Mitigating such effects.

22           (B) Repairing such dish.

1           (C) Increasing the resiliency of the Com-  
2           plex and the services and capabilities associated  
3           with the Complex.

4           (b) CONTENTS.—The assessment conducted under  
5           paragraph (1) of subsection (a) shall include the following:

6           (1) An identification of the structural, tech-  
7           nical, and related factors that led to the inoper-  
8           ability of the dish referred to in such paragraph.

9           (2) An identification and quantitative analysis  
10          of the deep space communications services, missions,  
11          and research capabilities, including such capabilities  
12          related to planetary defense, lost by such inoper-  
13          ability.

14          (3) An accounting of the risks associated with  
15          such loss, including risks related to any of the fol-  
16          lowing:

17                   (A) Mission planning.

18                   (B) Mission operations.

19                   (C) Mission success.

20                   (D) Public safety.

21          (c) REPORT.—Not later than 270 days after the date  
22          of the enactment of this Act, the Administrator shall sub-  
23          mit to the appropriate committees of Congress a report  
24          that includes information relating to the following:

1           (1) The assessment conducted under paragraph  
2           (1) of subsection (a).

3           (2) The recommendations developed under  
4           paragraph (2) of such subsection.

5           (3) An estimate of the resources and costs re-  
6           quired to implement such recommendations.

